

Please replace Abstract of the Disclosure, page 24, lines 1-16, with the following amended Abstract of Disclosure:

Abstract of Disclosure

The present invention discloses a MIMO system and method, which is suitable for MC-CDMA communication system with multiple paths to obtain the spectrum efficiency and gain simultaneously. The transceiver ~~includes~~ performs steps of simultaneously transferring a transmitting data to a plurality of parallel data streams, and space time block encoding each data, followed by ~~Then~~, spreading the encoded data streams with a pre-designed space-path spreading code, and transmitting data with the transmit antennas through a multiple paths. Finally, at each receiver, despreading received data by the matched filters, and separating mutually interfering ~~signal~~ signals with a linear combiner and a BLAST detector to obtain the diversity gain.